

A.A. 120 to A.A. 167.
18th Oct - Nov 3^d
1899.
Hy° 3889 - Hy° 3933.
D° 3688 - D° 3690.

spellings

Globigerina, ooze

Manganese nodules

Foraminifera

Pteropod ooze

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

107. M. F. by 3889. Cat Log 504

No. 120 AA Date Oct 18th 1899.
Sigsbee Machine. 1 Reel. Built-up.
Turns 864 Cor. + 64 Depth 928 fms
Shot on lead 35 pounds.
Bottom Glob & Pto. 7.
Bottom temperature 36° 5'
No. of thermometer 924449 Cor.
Corrected temperature
Air 79 Surface 80 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5315	55150	0		
3235	5040	100		
3330	4930	200		
3425	4840	300		
3520	4740	400		
3625	4635	500		
3740	4540	600		
3855	4435	700		
4015	4330	800		
4120	54240	864		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 21' South
81°
Oct.
-2

2500	143° 14'	West.
2600	About 3 miles	
2700	56° N. of the	
2800	57° face of	
2900	Taenqa Atoll.	
3000		
3100		
3200		
3300		
3400		
3500	3600	153
3600	864	89
3700	2736	64
3800	864	
3900		928
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~Hatch~~ No. 2890 Cat Log 74.

No. A. G. 121 Date 19 Oct 79.
 Sgbsle Machine #1 Reel. Built up
 Turns 1034 Cor. + 74 Depth 1108 fms

Shot or lead 35th

Bottom Glob. Q. Many Bar

Bottom temperature 36.1

No. of thermometer 92449 Cor.

Corrected temperature

Air 77 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 24.30	51.50	0		
25.30	50.45	100		
26.35	49.35	200		
27.15	48.35	300		
28.55	47.90	400		
30.10	46.25	500		
31.30	45.15	600		
33 =	44 =	700		
34.30	42.55	800		
36 =	41.45	900		
37.30	40.35	1000		
38 =	39.35	1034		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 25' South 143° 33' W.

~~OK~~
~~H.C.T.~~
3

3600
1034
2566

~~153~~
~~79~~
~~74~~
~~1034~~
~~1108~~

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

153
79
74
1034
1108

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Shallow Bay 3891. P. Log. 81.5
 No. C. G. 122 Date 19th Oct 99
 Sgble Machine #1 Reel. Built up
 Turns 500 Cor. + 40 Depth 570 fms
 Shot or lead 35#
 Bottom Coral sand Pts. 03.
 Bottom temperature 39.1
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 79 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.09.50	8.22.30	0		
10.50	21.75	100		
11.50	20.15	200		
12.50	19.00	300		
13.45	18.50	400		
8.10.00	8.17.45	500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 29' South
OK
~~H.C.D.~~

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

— 10 —

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W.H. 3892 Pat. Log 82.6

No. A A 123 Date 25 Oct 99
 Singapore Machine # 1 Reel. Pennant up
 Turns 560 Cor. + 43 Depth 603 fms.
 Shot or lead 35 ft.
 Bottom Coarse Coral Sand
 Bottom temperature 39°
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 81 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
525.40	3830	0		
26.30	3735	100		
07.30	36.35	200		
28.30	35.35	300		
29.30	34.30	400		
30.40	33.20	500		
31.30	32.30	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16°	115	2500	145°	31°
OK		2600		
H.C.S.		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Log 8.9

No. R. No. 124 Date 15 Aug 1911
 Register Machine Reel 1000 ft.
 Turns 1140 Cor. + 81 Depth 1200 fms.
 Shot or lead 35 lbs
 Bottom 100 fms. Temp. 36
 Bottom temperature 36
 No. of thermometer 20000 Cor.
 Corrected temperature
 Air 71 Surface 71 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
13.00	42.30	0		
14.30	41.80	100		
15.30	40.20	200		
16.30	39.15	300		
17.25	38.15	400		
18.45	37.00	500		
19.65	36.10	600		
21.25	35.45	700		
22.45	33.55	800		
23.5	32.45	900		
25.55	31.30	1000		
26.30	30.20	1100		
28.35	29.15	1140		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	143.10	
		2600	11	
		2700	of the	
		2800	Dr Ma	
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

SOUNDING R. Log. 250

No. V.H. 125 Date

Machine. Reel.

Turns 1060 Cor. + 100 Depth 1135 fms

Shot or lead 60 lbs

Bottom

Bottom temperature 36°

No. of thermometer 92449 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
34.00	58.50	0		
34.50	57.50	100		
35.40	56.75	200		
36.00	55.70	300		
37.20	54.10	400		
38.15	53.00	500		
39.10	51.00	600		
40.15	49.75	700		
41.10	49.10	800		
42.10	47.80	900		
43.10	46.50	1000		
44.15	44.50	1060		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

16° 51'	57' N	2500	142°	57° N
		2600	Edway	between
		2700	Nihiru	and
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns / Cor. + Depth 25 - 5 - 11

Shot or lead 205 ±

Bottom

Bottom temperature 35° f.

No. of thermometer 924419 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

142°

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 507 Date 9
 Machine Reel.
 Turns 572 Cor. + 40 Depth 150
 Shot or lead 30
 Bottom Coral Bank
 Bottom temperature 38.4°
 No. of thermometer 2 Cor.
 Corrected temperature
 Air 79 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2	36.11	0		
3	35.45	100		
03	35.2	200		
12	35	300		
01		400		
50	35	500		
5 =	5	500		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

17° 30'	Swell	2500	16° 20' 7"	
		2600		
		2700	1 mile	
		2800	Tide	
		2900	100 fms.	
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Petting 63.6

No. 3. C. B. Date 26
 Tug: 61 Machine 7 Reel. 600 ft.
 Turns 940 Cor. + 6.7 Depth 180 fms.
 Shot or lead 35 lb.
 Bottom Tug Day. 66.6°
 Bottom temperature 36.6°
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 80 Surface 80 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10 -	11.23.45	0		
12 01.10	21.55	100		
02.10	21 =	200		
03.15	20 =	300		
3.15	19.58	400		
06.35	18.55	500		
07.45	17.55	600		
09.15	16.53	700		
10.15	15.45	800		
11.15	14.35	900		
11 -	13.55	1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

105
 82
 69
 940
 266
 105
 940
 105

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

NOT.

S. S. G.

No. 111.129 Date 29 Oct 99

Machine. Reel. B

Turns 220 Cor. + 26 Depth 24 fms

Shot or lead 3 lb

Bottom 600 fms, 10°

Bottom temperature 43.8

No. of thermometer 92 - 40 Cor.

Corrected temperature

Air 80 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.16.6	6.6.6	0		
10.0	26.0	100		
10.0	3.0.0	200		
10.0	2.0.0	300		
26.0	1.0.0	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

300
Scribby Is. 3 Aug. 1909 66.

No. 130 Date 17 Aug 99
Machine 1 Reel. Buoy
Turns 141 Cor. + ✓ Depth 798 fms
Shot or lead
Bottom ~~100~~ Coral rocks
Bottom temperature 87°
No. of thermometer 93 Cor.
Corrected temperature

Air 81 Surface 80 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10	16	0		
	00	100		
10	15	200		
	15	300		
10	20	400		
10	16	500		
17	20	600		
17	15	700		
3477.00	3477.10	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

152

74.1
79.8

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

NOT. Aug. 3900.

No. Date

Dredge Machine. 1 Reel. 100 ft.

Turns 2 Cor. + 89 Depth 37

Shot or lead 3.5

Bottom

Bottom temperature 55°

No. of thermometer 92444 Cor.

Corrected temperature

Air 78 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1263		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
1000				

REMARKS:

No. 7. Date Oct 19.

Machine. Reel.

Turns 152 Cor. + 1-3 Depth 163 fms

Shot or lead 60 lbs

Bottom 61.2 Mace fm

Bottom temperature 35.6°

No. of thermometer 72.4.3 Cor.

Corrected temperature

Air 75 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4	52.0	0		
11	51.5	100		
21	51.3	200		
31.5	49.8	300		
41	47.5	400		
23.45	47.5	500		
24.45	47.5	600		
25.50	45.87	700		
26.50	44.32	800		
27.50	43.61	900		
29.35		1000		
30.10		1100		
31.1	42.5	1200		
32.30	39.50	1300		
33.45	38.35	1400		
35	37.1	1500		
35.10	37 =	152		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

15°3	2500
5°3	2600
1°2	2700
1°2	2800
1°2	2900
1°2	3000
1°2	3100
1°2	3200
1°2	3300
1°2	3400
1°2	3500
1°2	3600
1°2	3700
1°2	3800
1°2	3900
1°2	4000

Narokai Isd

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Scribbled Cat Log.

No. 2. I. 133 Date 30. Oct. 99.

Machine. Reel. Trawl.

Turns Cor. + 53 Depth 10 fms.

Shot or lead 35 lb.

Bottom 34.5

Bottom temperature 37.5

No. of thermometer 92443 Cor.

Corrected temperature

Air 80 Surface 78 Drift

Trawl or dredge 8 ft. 10 min.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.18.30	14.50	0	10.30.30	15.10
8.18.30	13.50	100	10.30.30	14.90
10.40	22.40	200	10.30.30	39.10
11.45	21.43	300	10.30.30	35.20
	21.43	400		31.00
14.2	17.10	500	10.30.30	26.50
15.15	18.30	600	10.30.30	24.10
16.		700	10.30.30	18.00
		800		10.00
		900	10.30.30	09.30
		1000		10.00
		1100		10.00
		1200		10.00
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

0	10		2500	112.5	100
C.C.	100		2600	112.5	100
			2700	112.5	100
			2800	112.5	100
			2900	112.5	100
			3000	112.5	100
			3100	112.5	100
			3200	112.5	100
			3300	112.5	100
			3400	112.5	100
			3500	112.5	100
			3600	112.5	100
			3700	112.5	100
			3800	112.5	100
			3900	112.5	100
			4000	112.5	100

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	Net fouled on 100 fms and was badly torn; have replaced, only one more to go			
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Spoke to Mr. S. on 8.27.5 for 12 mi.
 6.00 fms depth at vertical
 10.00 fms depth and 60
 fms in at 9.46.20

No.

Date 28 - Oct 99

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
		0	11.5	5.33.50
		100	11.5	5.33.50
		200	11.5	5.33.00
		300	11.5	5.30
		400	11.5	1.5 -
		500	4.9.50	1.5.100
		600	11.5	
		700	11.5	
		800	11.5	
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 65' South		2500	142° 23' West
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Nov. 10th Pet. 500

No. 111 Date
Machine. Reel.

Turns 50 Cor. + Depth 80 fms

Shot or lead

Bottom 100 fms. Trawl. Fine sand.

Bottom temperature 37.6°

No. of thermometer 3 Cor.

Corrected temperature

Air 80 Surface 79 Drift

Trawl or dredge Sand 200 fms.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	122.10	3.20 15
		100	2610	16.05
		200	5000	16.10
		300	3210	6.55
		400	5000	6.30
		500	3110	3.50
		600	5000	5.80
		700	11.50	0.50
		800	4	15
		900		5.00
		1000		5.50
		1100	51.60	5.50
		1200	5000	5.50
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK
S.C. 7

3000
500
2000

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	1 1/2 - 3 1/2 ft of
		3200	5 ft of
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Pat Log. 105.9.

No. 1. S. 105.9 Date

Machine. Reel.

Turns 208 Cor. + 20 Depth 278 fms
Shot or lead 35#

Bottom 60 fms. Lat. 41° 15' N. Long. 106° 30' W.

Bottom temperature 48 $\frac{1}{2}$

No. of thermometer 994449 Cor.

Corrected temperature

Air 83 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
200.00	221.10	0		
21.10	26.90	100		
22.00	20.00	200		
22.00	15.91.10	300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

1630 115
215 132
331. 20
215 215
215 215

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			-	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

not. Oct 4 Nov 36.

No. 914180 Date
 Machine Reel. up
 Turns 66 Cor. + Depth 21 fms
 Shot or lead 66 ft.
 Bottom Vol. 11000
 Bottom temperature 35.2
 No. of thermometer 924449 Cor.
 Corrected temperature
 Air 80 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
44.85	J	1800		
45.50	J	1900		
47.10	J	2000		
		2100		
		2200		
		2300		
		2400		

	2500	14	
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 200000 Date Aug 22 1899

Machine. Reel.

Turns 600 Cor. + 100 Depth 13 fms

Shot or lead

Bottom

Bottom temperature

No. of thermometer 2444 Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
23 10	23 20	1660		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

11.10

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stay low over Bay

Act fig. 76.3

No. R.R. 138 Date 29 Oct 99,
 Sighting Machine #1 Reel. Built up.
 Turns 373 Cor. + 32 Depth 415 fms.
 Shot or lead 35 lbs
 Bottom C. Coal 400
 Bottom temperature 43
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 79 Surface 79 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.7.0	31.35	0		
10.30	30.62	100		
21.40	27.7	200		
23.35	27.45	300		
24.15	26.30	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

Hao Chia.

153
121
312
393
3217
312

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

787

No.

Date

Machinc. 11 Reel. 1111-65

Turns 7-8

Cor. +

Short introduction

3. 111

72-66

64

Bottom

2011

Bottom tem.

Literature

No. of therm

rometer

Corrected te

Temperature

Air 13

Surface

-Trawl or dr

Lsc

SOUND

G WIRE.

the DOWN.

UP.

SOUNDING WIRE.		TURNS.	DREDGE BORE	
DOWN.	UP.		DOWN.	UP.
1. 26.10	12.10	0	12.10	12.10
28.30	51.00	100	12.0	6
20.00	49.55	200	0.00	0.20
31.30	41.75	300	30	12.59.35
	47.52	400	1.1	57.12
	46.40	500		1.10
	48.20	600		11.16
1. 0	44.05	700		11.01
1. 0	7.43.20	750		0
		800		35.5
		900		11.10
		1000		11.10
		1100		11.10
		1200		11.10
		1300		11.10
		1400		11.10
		1500		11.10
		1600		11.10
		1700		11.10
		1800		11.10
		1900		11.10
		2000		11.10
		2100		11.10
		2200		11.10
		2300		11.10
		2400		11.10

OK		2500	
H.C.H.		2600	
		2700	2 miles west of
		2800	the N.Y. end of
		2900	the A.A.
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

" " III. " 10° 44.

Poor haul; few fish found. Net badly torn.

No. C.C. 140 Date 29
 Machine. Reel.
 Turns 1926 Cor. + 116 Depth 20 ft 2 m
 Shot or lead 60 pound
 Bottom 35.1°
 No. of thermometer 42 Cor.
 Corrected temperature
 Air 78 Surface 77 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	10-17.50	0		
	16.50	100		
24.50	15.50	200		
35.50	14.50	300		
	13.50	400		
39.50	12.50	500		
	-	600		
	10.50	700		
42.50	09.50	800		
	08.50	900		
	07.50	1000		
	06.50	1100		
	05.50	1200		
	03.50	1300		
	02.50	1400		
	10.00	1500		
41.30	5.50	1600		
50.30	5.50	1700		
55.00	5.5.10	1800		
53.20	5.5.40	1900		
54.20	5.5.15	2000		
		2100		
		2200		
		2300		
		2400		

18° 27' South

K

C

153
37116192626172500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

140° 21' West

36.96
32.26

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

16.54

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 33141 Date 31 Oct '99.
 Dredge Machine 1 Reel. Built up.
 Turns 1395 Cor. + 58 Depth 1490 fms.

Shot or lead 60 ft

Bottom Gov. Maunganui.

Bottom temperature 35

No. of thermometer 92449 Cor.

Corrected temperature

Air 77 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36.	3-11.5	0		
37.50	10.58	100		
39.10	09.56	200		
40.25	08.50	300		
41.35	07.45	400		
42.30	06.40	500		
43.25	05.35	600		
44.25	04.30	700		
46.25	03.25	800		
47.	02.15	900		
48.45	01.08	1000		
49.45	8 AM.	1100		
50.	7.45	1200		
51.	57.35	1300		
53.10	2-56=	1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 27'	Sail	2500	13° 10' S 3'
CR.		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
36		3300	13° 56'
137.5		3400	
22.5		3500	13° 49.5
		3600	13° 47.5
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Wind at 720 fms. N.E.
Clouds becoming more
many shallower winds.

57.7

No. 142 Date 10/1/99
 Machine. 11 Reel. 1000 1000
 Turns 1984 Cor. + 100 Depth 2103 1000

Shot or lead 35 ft

Bottom 60 fms 33°

Bottom temperature 33°

No. of thermometer 7244 Cor.

Corrected temperature

Air 78 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
20		0		
30		100		
40		200		
40-50		300		
41-50		400		
42-55		500		
44-70		600		
45-75		700		
47-115	22.70	800		
48-30	21.10	900		
49-50	20.0	1000		
49-70	17.65	1100		
52-110	17.60	1200		
	16.40	1300		
	15.90	1400		
	15.60	1500		
	15.10	1600		
01-30	17.00	1700		
02-10	16.40	1800		
	16.00	1900		
	15.80	2000		
		2100		
		2200		
		2300		
		2400		

- 18° 30'

13. f. 30'

K
N.Y.

26

1050

110

4

t iq

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216

— 1 —

SERIAL

IP. NO. C

1

1

1

1

1

1

1

1

1

1

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Ooc'hauled wire on reel
paid out; found it
to 550, when
wire is rusty and black.

169 W.L. P.L. 67.7

No. C 2 143 Date 30 1.1 00
 Sigsbee Machine ft. Reel. 1354 ft.
 Turns 127 Cor. + 79 Depth 1354 ft.
 Shot or lead, 35#
 Bottom 2 m. 1354 ft.
 Bottom temperature 35.6
 No. of thermometer 12 Cor.
 Corrected temperature
 Air Surface Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

$18^{\circ} 34'$	South	2500	$134^{\circ} 19'$	100
		2600		
		2700	Abund 5	iles
		2800	Fast	depth
		2900	Moll.	
		3000		
		3100		
		3200		
		3300		
		3400		
		3500	<u>3600</u>	<u>153</u>
		3600	<u>1275</u>	<u>64</u>
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

71.9

No.

Date

Machine. Reel.

Turns 349 Cor. + 28 Depth 377 fms.

Shot or lead 35

Bottom

Coral sand.

Bottom temperature 43°

No. of thermometer 92449 Cor.

Corrected temperature

Air 80 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12- 57.10	-05.40	0		
58 =	04.30	100		
58.57	03.20	200		
59.50	02.15	300		
1- 00.40	-01.30	300 400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		139° 18'
2500		
2600		About 1 mile
2700		Up hill about
2800		Stand S.
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stony I. Fog 77.1

No. A.A. 145 Date 80/11/19
Machine 41 Reel. 100 ft. 11.5

Turns 1621 Cor. + 104 Depth 725 fms.

Shot or lead 35#

Bottom 35-6 fms.

Bottom temperature 35

No. of thermometer 72.464 Cor.

Corrected temperature

Air 76 Surface 78 Drift

Trawl or dredge —

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
9.05.30	9.40.10	0		
10.15	10.10	100		
11.15	11.10	200		
12.15	12.10	300		
13.15	13.10	400		
14.15	14.10	500		
15.15	15.10	600		
16.15	16.10	700		
17.15	17.10	800		
18.15	18.10	900		
19.15	19.10	1000		
20.15	20.10	1100		
21.15	21.10	1200		
22.15	22.10	1300		
23.15	23.10	1400		
24.15	24.10	1500		
25.15	25.10	1600		
26.15	26.10	1621		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

18° 36'		2500	18° 41'	
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
3600	152	3200		
1621	149	3300		
1979	152	3400		
	1621	3500		
	1721	3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

W.W.L. Oct Log 972

807.

No.

Date

Machine. Reel.

Turns 2315 Cor. + 218 Depth 23-8 fms

Shot or lead 60

Bottom Red clay 4000

Bottom temperature 35°

No. of thermometer 924449 Cor.

Corrected temperature

Air 77 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.7720	7.0810	0		
		100		
		200		
	0.450	300		
2.00	0.350	400		
	0.250	500		
	0.150	600		
	1.0030	700		
	5920	800		
		900		
		1000		
2.00	5.610	1100		
	5.50	1200		
	5.50	1300		
	5.50	1400		
	5.50	1500		
	5.00	1600		
	4.72	1700		
35.45	48.10	1800		
34.00	46.50	1900		
34.15	45.35	2000		
34.30	44.20	2100		
40.45	42.40	2200		
41.00	41.20	2265		
		2360		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

17.4

No. Date 31 '97
 Machine. Reel.

Turns Cor. + 103 Depth 86 fms.

Shot or lead 60°

Bottom Mass. Nod.

Bottom temperature 35.2°

No. of thermometer 92449 Cor.

Corrected temperature

Air 77 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.	DOWNS.	UP.	TURNS.	DREDGE ROPE.	
				DOWN.	UP.
5- 30.30	6- 13.30		0		
31.15	11.15		100		
33.10	10.40		200		
32.15	9.95		300		
31.10	8.37		400		
31.10	7.67		500		
35.10	3.20		600		
37.10	2.20		700		
37.10	0.10		800		
35.10	6.02.40		900		
31.10	5.10.3		1000		
31.10	3.10.3		1100		
31.10	0.10.3		1200		
31.10	5.10.0		1300		
34.10	5.10.5		1400		
31.10	5.10.15		1500		
46.10	5- 53.00		1515		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

19° 17'		2500	138° 54'
		2600	
		2700	6 m West (line)
		2800	at the end
		2900	of the metal
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Feb 23 1

No. A. S. 145 Date 31 Jan 19
 Machine Reel. built up
 Turns 590 Cor. + 46 Depth 636 fms.
 Shot or lead 35 ft
 Bottom 2100 fms
 Bottom temperature 38.8
 No. of thermometer 1 Cor.
 Corrected temperature
 Air 79 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7 - 14 -	28 -	0		
		100		
15.55	15.55	200		
15.55	15.55	300		
15 -	15.55	400		
19.10	19.10	500		
30 -	1-2115	600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

19° 16' | South

South

2500

180° off

2600

3700

2800

2000

3000

8100

280

6

2

300

31/30

400

GALERIE

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Scribbled Pat Log 28.1

No. 149, Date 31 Oct 99
 Machine 71 Reel. Built up
 Turns 800 Cor. + 60 Depth 860 fms.
 Shot or lead 35#

Bottom Glob. Navy Bu.

Bottom temperature 37°

No. of thermometer 93449 Cor.

Corrected temperature

Air 82 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
45	04.40	0		
46.02	03.30	100		
47	02.25	200		
48	01.20	300		
49.10	00.15	400		
50.50	59.05	500		
51.30	57.50	600		
52.45	56.30	700		
53.50	55.10	800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

173° 46'

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

$$\begin{array}{r}
 3600 \\
 -600 \\
 \hline
 2800
 \end{array}$$

$$\begin{array}{r}
 153 \\
 93 \\
 \hline
 60 \\
 \hline
 672 \\
 \hline
 860
 \end{array}$$

Narake.

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 111. S. 150 Date 3/1/10

Machine. Reel.

Turns Cor. + Depth fms

Shot or lead 35 ft

Bottom coarse gravel Phi 2

Bottom temperature 44.1° F.

No. of thermometer 924444 Cor.

Corrected temperature

Air 79 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3,100	3,100	0		
3,000	3,000	100		
2,900	2,900	200		
2,800	2,800	300		
2,700	2,700	400		
2,600	2,600	450		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

460

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

H.W.L. Cat Log 36.3.

No.

Date

31 Oct 90

Machine. Reel.

Turns 179 Cor. + 111 Depth 197 fms
Shot or lead 35#

Bottom

Bottom temperature 35°

No. of thermometer 72449 Cor.

Corrected temperature

Air 79 Surface 79 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 25. 0	12.-	0		
	10. 0	100		
2. 0	9. 0	200		
2. 0	8. 0	300		
2. 0	7. 0	400		
2. 0	6. 0	500		
1. 0	5. 0	600		
1. 0	4. 0	700		
1. 0	3. 0	800		
1. 0	2. 0	900		
1. 0	1. 0	1000		
36. 00	5815	1100		
37. 00	5700	1200		
38. 00	5520	1300		
40. 30	5430	1400		
41. 00	5300	1500		
41. 30	5130	1600		
45. 20	50-	1700		
47. 00	4830	1700		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

<i>1706</i>	<i>42</i>
<i>1804</i>	<i>77</i>
	<i>74</i>
	<i>?</i>

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Cat Log 645

No. 152 Date 31
 Machine #1 Reel. Built up
 Turns 22.5 Cor. + 127 Depth 2335 fms.
 Shot or lead 60 ft
 Bottom Red clay, 4 fms.
 Bottom temperature 35°
 No. of thermometer 92 and 1 Cor.
 Corrected temperature
 Air 77 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36.50	11.15	0		
36.40		100		
37.31		200		
38.22		300		
39.15	29.35	400		
40.		500		
41.50		600		
42.32	21.12	700		
43.15		800		
43.98		900		
44.81	16.35	1000		
45.64		1100		
46.47	14.12	1200		
47.30	12.12	1300		
47.13	11.20	1400		
47.96	10.20	1500		
48.79	08.5	1600		
49.62	07.35	1700		
50.45	06.15	1800		
51.28	04.55	1900		
52.10	03.30	2000		
52.93	02.20	2100		
53.45	11.00.10	2200		
53.55	11.00.11	2203		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

~~36.07~~
~~22.08~~
~~13.92~~

153
26
127
32
28.3

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

90% 1.0 1.2

No.

153 Date

Date _____

Reel

Turns 1399 Cor. + 58 Depth 1494 fms

Shot or lead

Bottom *below*

35-4

Bottom temperature

No. of thermometer 92449 Cor.

Corrected temperature

Air 77 Surface 77 Drift

Trawl or dredge?

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
510.00	36.80	0		
51.00	34.20	100		
51.01	33.40	200		
69.00	30.10	300		
71.00	31.20	400		
111.00	70.10	500		
121.00	79.00	600		
121.00	78.10	700		
14.00	27.15	800		
15.00	27.15	900		
16.00	27.40	1000		
17.00	27.46	1100		
18.00	27.40	1200		
19.00	27.70	1300		
51.20.15	5.21.20	1399		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

1399
2201

58
9
1399
1494

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607 W Z Oct Log 213

No. 8000104 Date 1. 10. 1907

Dredge Machine #1 Reel. 100 fathoms

Turns 215 Cor. + 125 Depth

Shot or lead 35#

Bottom 70 fathoms

Bottom temperature 35°

No. of thermometer 424 of 9 Cor.

Corrected temperature

Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.3.7	10.3.7	0		
3.3.10	2.3.10	100		
3.3.10	2.3.10	200		
3.3.10	2.3.10	300		
3.3.10	2.3.10	400		
3.3.10	2.3.10	500		
3.3.10	2.3.10	600		
3.3.10	2.3.10	700		
3.3.10	2.3.10	800		
3.3.10	2.3.10	900		
3.3.10	2.3.10	1000		
3.3.10	2.3.10	1100		
3.3.10	2.3.10	1200		
3.3.10	2.3.10	1300		
3.3.10	2.3.10	1400		
3.3.10	2.3.10	1500		
3.3.10	2.3.10	1600		
3.3.10	2.3.10	1700		
3.3.10	2.3.10	1800		
3.3.10	2.3.10	1900		
3.3.10	2.3.10	2000		
3.3.10	2.3.10	2100		
3.3.10	2.3.10	2200		
3.3.10	2.3.10	2300		
3.3.10	2.3.10	2400		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~No. 107~~ Catalog 61.3:

No. A. & L. 155 Date 1 Nov. 1911
 Machine? / Reel. ~~100 ft.~~
 Turns 2364 Cor. + 129 Depth 2371 fms.
 Shot or lead 60#
 Bottom 71° 10' 10" S. E.
 Bottom temperature 35°
 No. of thermometer 2444 Cor.
 Corrected temperature
 Air 80 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-61.50	4.10	0		
	10	100		
28.50	10.10	200		
24.10	04.10	300		
25.	08.10	400		
26.50	01.10	500		
27.50	05.10	600		
28.	05.10	700		
29.	04.10	800		
30.	03.60	900		
31.80	01.60	1000		
32.30	4.0	1100		
33.50	5.9.5	1200		
34.50	5.8.5	1300		
35.50	5.7.5	1400		
37-	5.6.1	1500		
38.5	5.5.3	1600		
	5.4.5	1700		
39.35	5.3.10	1800		
41.50	5.1.5	1900		
43.50	5.0.1	2000		
42.50	4.9.10	2100		
45.55	4.8.-	2200		
47-	4.7.10	2262		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

36.0
2262
1338

163

24

129

2262

2391

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50'				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

M.W.L Pot Log 213

No. 112 Date 2 Nov 04

Machine. Reel.

Turns 2335 Cor. + 132 Depth 2467
Shot or lead 60#

Bottom

Bottom temperature 35°

No. of thermometer 9244.44 Cor.

Corrected temperature

Air 76 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
32	1-2148	0		
33	2348	100		
34	2548	200		
35	2748	300		
36	2948	400		
36	1048	500		
50	1248	600		
	1448	700		
	1648	800		
3	1848	900		
2	14'00	1000		
3	12'30	1100		
4	11'30	1200		
5	10'40	1300		
6	9'50	1400		
7	9'00	1500		
8	8'10	1600		
9	7'20	1700		
10	6'30	1800		
11	5'40	1900		
12	4'50	2000		
13	3'30	2100		
14	2'10	2200		
15	5'40	2300		
15.30	5'10	2300		
15.30	5'10	2300		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Plot Log 76.7

No. 76.7 Date 3 Nov. 97.
 Machine Reel. Weight 14 lbs.
 Turns 2188 Cor. + 127 Depth 2315 fms.
 Shot or lead 35
 Bottom Red Clay Glc.
 Bottom temperature 35°
 No. of thermometer 2100 Cor.
 Corrected temperature
 Air 85 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
55.10	49=	0		
56.10	49=	100		
57.10	46.15	200		
57.50	45.10	300		
58.10	45.10	400		
59.50	45.10	500		
60.50	45.05	600		
62 =	44.5	700		
63.10	43.15	800		
64.30	31.15	900		
65.3	31.1	1000		
66.32	37=	1100		
67.10	35.65	1200		
69.10	34.45	1300		
70.50	33.40	1400		
71.15	32.30	1500		
73.40	31.20	1600		
75.10	20.10	1700		
76.45	29=	1800		
75.20	27.1	1900		
77.55	26.45	2000		
78.30	25.30	2100		
79 =	24.05	2200		
		2300		
		2400		

2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000

36° 0'
 21' 8"
 17' 7"
 14' 7"
 21' 0"
 13' 5"

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~W.H. Williams~~ Cat Log 82.6

No.

Date

27-09

Machine. Reel.

Turns 603 Cor. + 16 Depth 649 fms.

Shot or lead 35#

Bottom Coarse Sand Bank
Bottom temperature 39° Shallow

No. of thermometer 1 Cor.

Corrected temperature

Air 81 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36.5	43.22	0		
37.30	43.20	100		
38.30	43.20	200		
39.35	43.10	300		
40.35	43.00	400		
41.30	43.00	500		
42.40	43.45	603		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20° 44' S	South	2500	115° 00' E	
610		2600	115° 00' E	
110		2700	115° 00' E	
		2800	115° 00' E	
		2900	115° 00' E	
		3000	115° 00' E	
		3100	115° 00' E	
		3200	115° 00' E	
3600	108	3300		
603	107	3400		
2997	46	3500		
	23	3600		
	649	3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

83.6

No. 157 Date Nov. 10,
Machine. Reel.

Turns 683 Cor. + 53 Depth 736 fms.
Shot or lead 60 ft

Bottom hard sand & drift shells
Bottom temperature 72°

No. of thermometer 1 Cor.

Corrected temperature

Air 80 Surface 77 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
49.05	02.25	0		
49.45	01.20	100		
50.25	00.15	200		
51.05	59.20	300		
51.55	58.25	400		
52.10	57.25	500		
53.30	56.30	600		
54 =	55.30	683		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	143° 08'	'green'
2600		
2700	1' NNW of	
2800		
2900		
3000		
3100		
3200		
3300		
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stanley P. Aug. 88. S

No. 1107150 Date 20th, '79
 Machine. Reel. 2000 ft.
 Turns 150 Cor. + 9 Depth 16 m.
 Shot or lead 60 # 9
 Bottom 600 fms. 700 fms.
 Bottom temperature 65°
 No. of thermometer 92 449 Cor.
 Corrected temperature
 Air 80 Surface 78 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.10.00	-12.45	0		
12.10.00	11.90	100		
12.10.00	11.40	200		
12.10.00	10.40	300		
12.10.00	10.35	400		
12.10.00	10.30	500		
12.10.00	10.25	600		
12.10.00	10.15	700		
12.10.00	10.05	800		
12.10.00	10.00	900		
12.10.00	11.00	1000		
12.10.00	10.20	1100		
12.10.00	09.00	1200		
1.03.40	07.50	1300		
01.40	06.50	1400		
02.55	1.05.10	1500		
1.03.10	-	1500 2600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

20° 40'		2500	143° 69'	
GK		2600	M	
3100		2700	between	
		2800	Max & Min	
		2900	Temp.	
		3000		
		3100		
		3200		
		3300		
3600	53	3400		
1670	54	3500		
2000	60	3600		
	1670	3700		
	1600	3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

92.3

No:

A. & D 161

Date

Sept 21 1901

Sinker Machine. Reel.

Turns

Cor. +

Depth 574 (m)

Shot or lead

Bottom

On 600g. Sank. 2100g. 700g.

Bottom temperature

20°C. 17°C. 15°C. 13°C. 11°C. 9°C. 7°C. 5°C. 3°C. 1°C.

No. of thermometer 92111 Cor. 1900d

Corrected temperature

Air 80

Surface 78

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
16.20	22.20	0		
16.10	21.20	100		
16.00	20.15	200		
15.40	19.10	300		
15.40	17.00	400		
14.60	17.00	500		
15.15	16.20	530		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

OK		2500	14° 7' 15"	
40°C		2600	14° 5' 43"	
		2700	14° 4' 23"	
		2800	14° 3' 03"	
		2900	14° 2' 43"	
		3000	14° 2' 23"	
		3100	14° 2' 03"	
		3200	14° 1' 43"	
		3300	14° 1' 23"	
		3400	14° 1' 03"	
3600	113	3500	13° 5' 43"	
327	111	3600	13° 5' 23"	
3068	112	3700	13° 5' 03"	
	537	3800	13° 4' 43"	
	117	3900	13° 4' 23"	
		4000	13° 4' 03"	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				.
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Haily. No. 94.

No. 16 Date 29 NOV. '99
Seq. 111 Machine 117 Reel. 117
Turns 612 Cor. + 117 Depth 659 ft

Shot or lead 5-11

Bottom 600 fms. Bk. SR.

Bottom temperature

No. of thermometer 701117 Cor.

Corrected temperature

Air 79 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 15.10	2. 0.20	0		
16.10	2. 15	100		
17.30	2. 10	200		
18.30	2. 10	300		
19.30	2. 5.66	400		
20.20	2. 3.80	500		
21.10	2. 2.7746	600		
21.10	3. 27.16	612		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500	143° 18'
2600	
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

80.5

No. 61.00163 Date 2 Nov.
 Machine Reel. 100 ft
 Turns Cor. + 110 Depth 180 fms
 Shot or lead 60 ft
 Bottom Glob. 935°2
 Bottom temperature 935°2
 No. of thermometer 92444 Cor.
 Corrected temperature

Air 71 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
100	600	0		
		100		
	600	200		
	600	300		
	600	400		
	600	500		
	600	600		
	600	700		
	600	800		
	600	900		
	600	1000		
	600	1100		
	600	1200		
	600	1300		
	600	1400		
	600	1500		
	51.00	1600		
48.35	48.35	1700		
41.00	41.00	1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

21° 34'		2500	143° 23'
OK		2600	
H 105		2700	Midway before Osc. (Interpolating from observations.)
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 456 Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer 9244 Cor.

Corrected temperature

Air 81 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6.14.20	11.50	0		
12.20	2.0	100		
12.20	2.0	200		
12.20	12.20	300		
12.20	12.20	400		
12.20	12.20	456		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

143.0 26

21.0 33.0

20.0 30.0

21.0 31.0

22.0 32.0

23.0 33.0

24.0 34.0

25.0 35.0

26.0 36.0

27.0 37.0

28.0 38.0

29.0 39.0

30.0 40.0

31.0 41.0

32.0 42.0

33.0 43.0

34.0 44.0

35.0 45.0

36.0 46.0

37.0 47.0

38.0 48.0

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 11225 Sat Log 8.8

No. 11225 Date 11-15-29
Machine. Reel. 1 reel up
Turns 375 Cor. + 30 Depth 1405 fms
Shot or lead 54
Bottom P. S. - 100 fms
Bottom temperature 42.5°
No. of thermometer 92449 Cor.
Corrected temperature
Air 79 Surface 77 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
34	1320	0		
0500	100	100		
0600	1100	200		
0655	1035	300		
0755	0120	375		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

143°32'

12' 27"

True

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hutchinson Pat Log 33.8
501.

No. A.A. 166 Date 2 Nov. 99
 Sigsbu Machine #1 Reel. Built Up.
 Turns 2140 Cor. + 125 Depth 2265 fms.
 Shot or lead 60#
 Bottom Red clay Mang
 Bottom temperature 34.8°
 No. of thermometer 92449 Cor.
 Corrected temperature
 Air 78 Surface 77 Drift
 Trawl or dredge

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		DOWN.	UP.
10. 45.30	34.10		0		
46.25	33 =		100		
47.10	32.05		200		
47.55	31.05		300		
48.45	30 =		400		
49.35	29 =		500		
50.30	28 =		600		
51.30	27.05		700		
52.25	26.05		800		
53.25	24.55		900		
54.20	23.45		1000		
55.20	22.25		1100		
56.25	21.05		1200		
57.25	19.45		1300		
58.30	18.30		1400		
59.40	17.25		1500		
11. 00.45	16.20		1600		
01.50	15.05		1700		
03 =	13.55		1800		
04.10	12.40		1900		
05.20	11.20		2000		
06.35	10 =		2100		
07 =	09.30		2140 2200		
			2300		
			2400		

20° 15'	South		144° 00'	West
OK NOS				
2500				
2600				
2700				
2800				
2900				
3000				
3100				
3200				
3300				
3400			3600	153
3500			2140	28
3600			1460	125
3700			2140	
3800				2265
3900				
4000				

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Stailey P. Log. 63, 8.

No. 94167 Date 3rd Nov 99
Lubber Machine #1 Reel. Buoy up
Turns 2390 Cor. + 134 Depth 2524 fm
Shot or lead 60 ft

Bottom Very soft Red clay

Bottom temperature 34.9

No. of thermometer 92 449 Cor.

Corrected temperature

Air 77 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.24.30	4-418.40	0		
15.30	47.30	100		
56.10	46.75	200		
56.50	45.20	300		
57.40	44.15	400		
58.30	43.10	500		
59.20	42.00	600		
4.00.20	40.00	700		
01.10	39.55	800		
02.05	38.45	900		
03.00	37.45	1000		
04.00	36.40	1100		
05.00	35.35	1200		
06.05	34.30	1300		
07.05	33.70	1400		
08.15	32.15	1500		
09.20	31.05	1600		
10.30	29.50	1700		
11.35	28.40	1800		
13.45	27.30	1900		
14.00	26.20	2000		
15.15	25.05	2100		
16.30	23.50	2200		
17.50	22.30	2300		
X 26.10	X. 20.30	2400		

20° 02' South 144° 28' West

OK
~~NOZ~~
3

$$\begin{array}{r} 3600 & 103 \\ 2390 & \underline{19} \\ \hline 1210 & 134 \\ \hline 2390 & \underline{\quad} \\ \hline 2524 & \end{array}$$